

PREPARATIONS FOR THE PRODUCTION OF CHEMICAL FIBRES

Lubricants for acetate and triacetate fibres

LUBRICANT A-1

TY 2484-002-05744685-2002

Application. Used as a lubricant in the production of acetate fibres.

Composition. Multi-component oil composition based on alkyl phosphates and dialkyl maleinate.

Appearance. Transparent oil-like yellow liquid.

Physico-chemical properties.

pH value 10% of the aqueous emulsion	7.0 – 7.5
Conventional viscosity, CV, at 20°C	5.0 – 6.0
Stability 10% of the aqueous emulsion	Stable during 24 hours, “cream” stratum not thicker than 3 mm is admissible
Mass fraction of moisture, %, not more than	1.0
Colour of the preparation according to optical density value on FEK-56M. not more than	0.2

To be stored. 6 month.

Packing. Steel 200 l barrels.

Application Rules.

For the formation of acetate thread on high-rate machines the lubricant is used in the output form.

LUBRICANT N-02

TY 2484-014-05744685-2004

Application. Used as a finishing lubricant for the synthetic fibres on the rewinding machines.

Composition. A composition based on mineral oils, alkyl phosphates and non-ionic emulsifier.

Appearance. Oil-like yellow liquid. Feculence and precipitation is admissible.

Physico-chemical properties.

Kinematic viscosity, CS, at 25°C	22.0 – 28.5
Stability of 1% of the aqueous emulsion during 1 hour	Stable, “cream” stratum not thicker than 3 mm and oil drops on the surface is admissible

To be stored. 6 month.

Packing. Steel 200 l barrels.

Application Rules.

Applied in the is used in the output form.

Sintoks 20 M

TS 2484-065-05744685-2003

Application. Used for the treatment of polyamide industrial threads in forming fibers.

Composition. Oil composition nonionic surfactants and emulsifiers.

Appearance at 40-45°C. Transparent oily liquid.

Physico-chemical properties

pH value of 20% aqueous solution	5,5 - 7,0
Iodine number, mg iodine per 100 g of product, not more	10
The color of the product on the iodine scale, mg of iodine per 100 cm ³ , not more than	16
The stability of a 20% aqueous emulsion	Stable during the day
Mass fraction of water, %, not more	13,5
The stability of the aqueous emulsion, with a mass fraction of 20%, h, not less	24

Kinematic viscosity of the emulsion with a mass fraction of 20% product at 25 °C mm ² /s (cSt)	2 - 4
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Toxicological information. Low-hazardous substance

To be stored. 6 month.

Packing. Railway tanks with heating device, steel 200 l barrels

Application conditions. Used as a 10 - 20% aqueous emulsion

Special substances for the production of chemical fibres

SULPHORICINATE E

TY 2481-004-05744685-01

Application. Used in viscose production as a brightening substance at the stage of cellulose crumbling.

Composition. Salt of ricinoleic acid sulpho esters with the addition of non-ionic surfactants.

Appearance. Transparent viscous liquid.

Physico-chemical properties.

pH value 10% of the aqueous solution	7.5 – 8.0
Mass fraction of fatty acids, %	36 - 39
Colour according to iodine scale, mg of iodine per 100 sm ³ , not more than	70
Degree of sulphurization, %, not less than	38

To be stored. 6 month.

Packing. Steel 200 l barrels.

Application Rules.

Applied in the form of 10% aqueous solution.